SONY
Help Guide

Smartphone
Xperia L4 XQ-AD51/XQ-AD52

Use this manual if you encounter any problems, or have any questions about your device.

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Turning Side sense on or off

1. **Find and tap [Settings] > [Display] > [Advanced].**
2. **Tap [Side sense].**
3. **Tap the switch to enable or disable the function.**

Related Topic

- Using Side sense
- Setting other Side sense options

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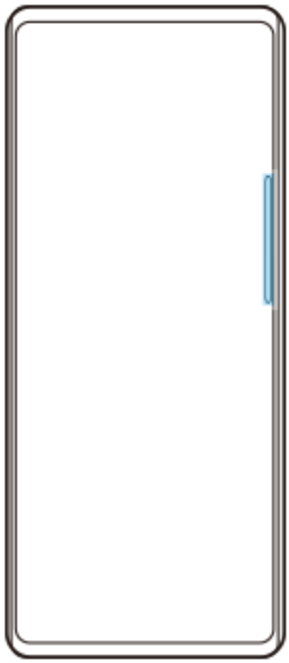
Using Side sense

You can tap the Side sense bar on the edge of the screen or slide it with one hand in order to use your device more easily. You can display the Side sense menu as a shortcut to applications and settings, or the Multi-window menu to select two applications in the split-screen mode. You can also return to the previous screen by sliding down along the Side sense bar on the edge of the screen. Make sure to tap or slide your finger within the Side sense bar.

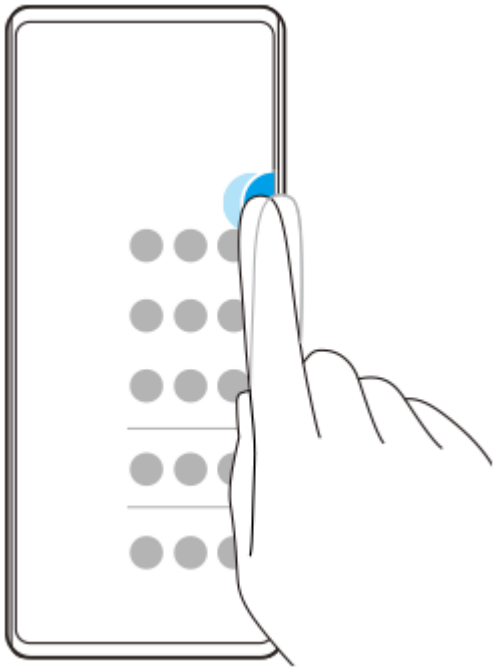


Note

- Side sense is unavailable in certain situations, such as when the screen view is in landscape orientation.

Displaying the Side sense menu

To activate the Side sense menu, double-tap the Side sense bar.

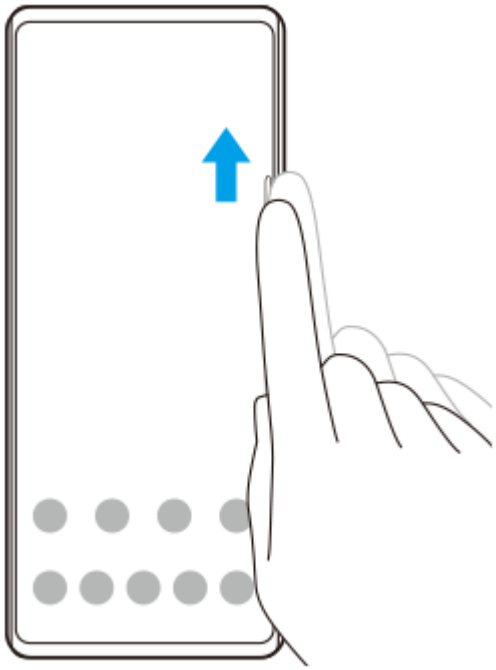


Hint

- To exit the Side sense menu, double-tap the Side sense bar or tap an empty area on the screen.

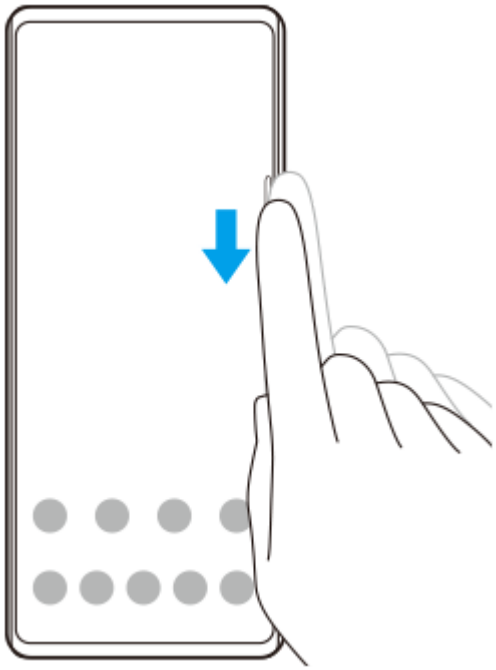
Displaying the Multi-window menu

Slide your finger up along the Side sense bar to display the Multi-window menu. Follow the on-screen instructions to add apps to a split-screen.



Returning to the previous screen using the side sensor

Slide your finger down along the Side sense bar to return to the previous screen.



Related Topic

- Turning Side sense on or off
- Setting other Side sense options

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Setting other Side sense options

You can configure how Side sense behaves or customize the menu, etc.
For example, the following options are available for Side sense.

- Whether to use Side sense on one or both sides of your device
- The screen actions for gesture

1. **Find and tap [Settings] > [Display] > [Advanced].**
2. **Tap [Side sense].**
3. **Tap the switch to enable the function.**
4. **Follow the on-screen instructions in the lower part of the screen to edit other Side sense options.**

Related Topic

- Turning Side sense on or off
- Using Side sense

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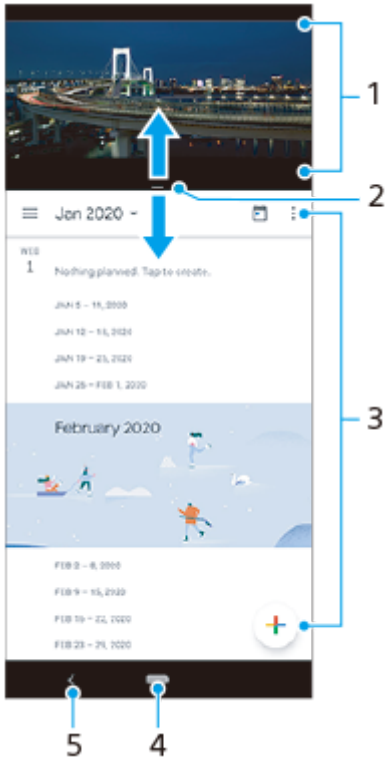
Using the Split-screen mode

Split-screen mode enables you to view two applications at once, for example, if you want to view your photos and the Calendar at the same time.



1. Application 1
2. Split-screen border – Drag to resize windows
3. Application 2
4. Home button – Go back to the Home screen
5. Back button – Go back to the previous screen

Note

- Not all applications support split-screen mode.

To resize the split-screen windows

1. Drag the split-screen border in the center.

To exit the split-screen mode

1. Drag the split-screen border to the top or bottom of the screen.

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About this Help Guide

This is the Xperia L4 Help Guide for the Android 9 software version. If you are not sure which software version your device is running, you can check it in the Settings menu.
For information on common Android features and settings (such as Android basic settings, Wi-Fi settings, home screen settings, content transfer, application screen navigation, notifications and other Google application features) please refer to support.google.com/android/.

Note

- System and application updates can present the features in your device in another way than described in this Help Guide. The Android version might not be affected in an update.

To check the current software version and model number of your device

Find and tap [Settings] > [System] > [About phone]. The current software version is displayed under [Build number]. The current model number is displayed under [Model].

Limitations to services and features

Some of the services and features described in this Help Guide may not be supported in all countries or regions, or by all networks or service providers. The GSM International Emergency Number can always be used in all countries, regions, networks and by all service providers, provided that the device is connected to the mobile network. Please contact your network operator or service provider to determine the availability of any specific service or feature and whether additional access or usage fees apply.
The use of certain features and applications described in this guide may require access to the internet. You may incur data connection charges when you connect to the internet with your device. Contact your wireless service provider for more information.

Related Topic

- Before updating your device
- Updating your device wirelessly
- Updating your device using a computer

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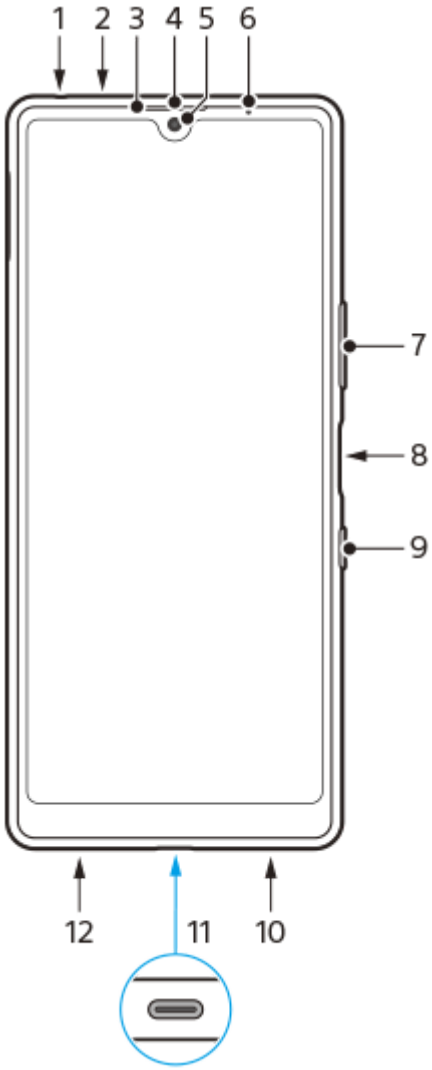
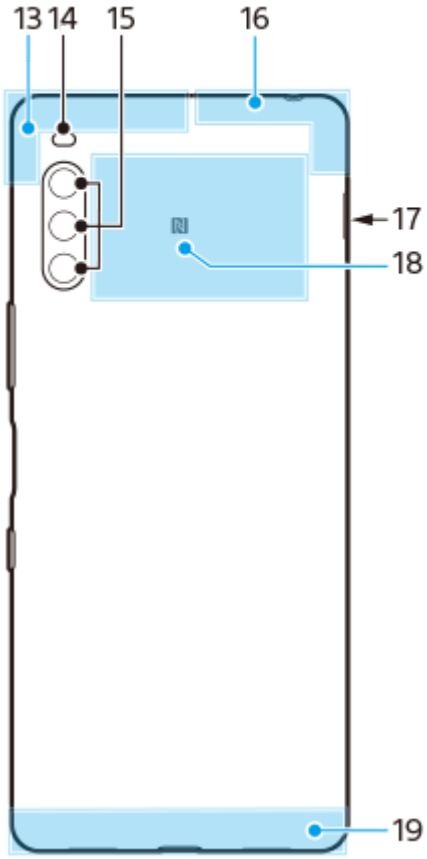
Overview





1. Headset jack
2. Second microphone
3. Proximity/Light sensor
4. Ear speaker
5. Front camera
6. Charging/Notification light
7. Volume/Zoom key
8. Fingerprint sensor
9. Power key
10. Speaker
11. USB port/Charger
12. Primary microphone
13. Diversity antenna
14. Flash LED
15. Main camera
16. Wi-Fi/Bluetooth®/GPS antenna
17. Nano SIM/Memory card slot
18. NFC detection area
19. Primary antenna

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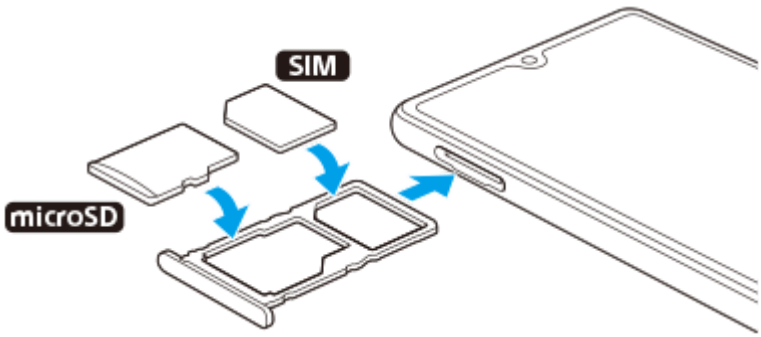
Assembly - Single SIM

Your device only supports nano SIM cards. Single SIM devices allow you to use one SIM card and a memory card. The SIM and memory cards go in different parts of the nano SIM and memory card tray. Make sure you do not confuse the two.

Note

- To prevent data loss, make sure you turn off your device before you drag out the tray to remove the nano SIM card or memory card from the device.



Note

- Do not cut your SIM card, as this may damage your device.

1. **Drag out the SIM card tray.**
2. **Place the SIM card securely in the SIM card tray.**
3. **Place the memory card securely in the memory card tray.**
4. **Gently push the SIM card tray back into the slot until it fits into place.**

Related Topic

- Finding the IMEI number(s) of your device

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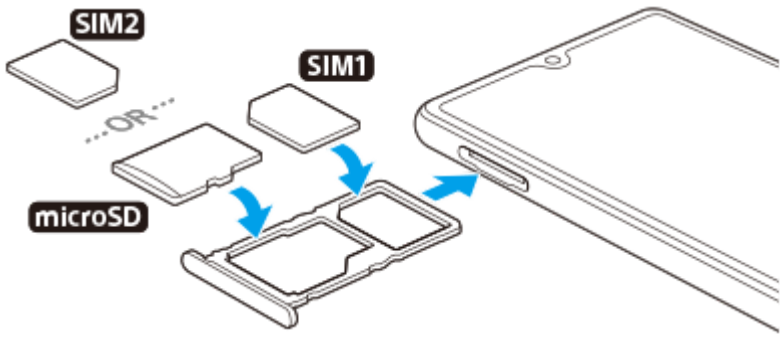
Assembly - Dual SIM

Your device only supports nano SIM cards. Dual SIM devices support the use of either two nano SIM cards or a nano SIM card and a memory card.
Dual SIM devices are not available in all markets or from all operators.

Note

- To prevent data loss, make sure you turn off your device before you drag out the tray to remove the nano SIM card (or cards) or memory card from the device.



Note

- Do not cut your SIM card, as this may damage your device.

1. **Drag out the SIM card tray.**
2. **Place the main SIM card securely in position for SIM1.**
3. **Place either the second SIM card (SIM2) or the memory card securely in the tray, in the correct orientation.**
4. **Gently push the SIM card tray back into the slot until it fits into place.**

Related Topic

- Finding the IMEI number(s) of your device

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Using a Dual SIM device

A Dual SIM device enables you to do the following:

- Receive incoming communications via both SIM cards.
- Select the number from which to send outgoing communications, or have the option to select a SIM card each time you place a call.
- Forward calls received via SIM 1 to SIM 2 when SIM 1 is unreachable, and vice versa. This function is called Dual SIM reachability. You must enable it manually.

Before using multiple SIM cards, you need to enable them and select a SIM card which will handle data traffic.

Hint

- A Dual SIM device works with either one or two SIM cards inserted.

Enabling or disabling the use of two SIM cards

1. Find and tap [Settings] > [Network & internet] > [Dual SIM].
   You may find the item under [Advanced].
2. Tap the SIM card switches to enable or disable the SIM cards.

Renaming a SIM card

1. Find and tap [Settings] > [Network & internet] > [Dual SIM].
   You may find the item under [Advanced].
2. Select a SIM card and enter a new name for it.
3. Tap [OK].

Selecting which SIM card handles data traffic

1. Find and tap [Settings] > [Network & internet] > [Dual SIM] > [Mobile data].
   You may find the item under [Advanced].
2. Select the SIM card you want to use for data traffic.

Setting the default SIM card for placing a call

1. Find and tap [Settings] > [Network & internet] > [Dual SIM] > [Calls].
   You may find the item under [Advanced].
2. Select an option.

Enabling the Dual SIM reachability function

1. Find and tap [Settings] > [Network & internet] > [Dual SIM] > [Dual SIM reachability].
   You may find the item under [Advanced].
2. Under [Dual SIM reachability], tap the switch to enable the function.
3. Follow the on-screen instructions to complete the procedure.

Hint

- If the Dual SIM reachability function does not work after you enable it, check that you have entered the phone numbers correctly for each SIM card. In some cases, the numbers are detected automatically during setup. Otherwise, you are prompted to enter them manually.

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Screen protection

Note

- Before using your device, remove all protection films to enable full functionality.

Screen covers and protectors may help you protect your device against damage. We recommend you use only those screen covers intended for your Xperia device. The use of third-party screen protection accessories may prevent your device from working correctly by covering sensors, lenses, speakers, or microphones and can invalidate the warranty.

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Starting your device for the first time

It is recommended that you charge the battery for at least 30 minutes before starting up your device for the first time. You can still use your device while it is charging.
The first time you start your device, a setup guide helps you to configure basic settings, personalize your device, and sign in to your accounts, for example a Google account.

1 **Long press the power key until your device vibrates.**

To turn off the device

1. Long press the power key until the options menu opens.
2. Tap [Power off].

Note

- It may take a while for the device to shut down.

Related Topic

- Charging your device

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Setting up a Google account on your device

Your device from Sony runs on the Android platform developed by Google. A range of Google applications and services is available on your device when you purchase it, for example, Gmail, Google Maps, YouTube, and the Google Play application. To get the most out of these services, you need a Google account. For example, a Google account enables you to do the following:

- Download and install applications on Google Play.
- Synchronize your email, contacts, and calendar using Gmail.
- You can back up, restore, and transfer your data from an old device to your new device.
- Chat with friends using the Google Duo application.
- Synchronize your browsing history and bookmarks using the Chrome web browser.
- Identify yourself as the authorized user after a software repair using Xperia Companion.
- Remotely find, lock, or clear a lost or stolen device using the Find my device services.

For more information, go to support.google.com/.

1. **Find and tap [Settings] > [Accounts] > [Add account] > [Google].**

2. **Follow the on-screen instructions to create a Google account, or sign in if you already have an account.**

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Transferring content from your old device

There are several ways to transfer your data from an old device to your new device.

- Synchronize data using Google account
- Copy and transfer data using a computer
- Copy and transfer data using an SD card

For more information, go to support.google.com/android/.

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Making sure your device is protected

Your device includes security options, strongly recommended in case of loss or theft.
There are several ways to protect your device, as listed below. Find and tap [Settings], and then search for the settings at the top of the screen.

- Screen lock
- Fingerprint Manager
- SIM card lock

You can register fingerprints to use as a security method for unlocking your device or authenticating purchases. Find and tap [Settings] > [Lock screen & security] > [Fingerprint Manager], and then follow the on-screen instructions.
For more information, go to support.google.com/android/.

Note

- When using a security option to protect your device, it is crucial to remember the details provided at set up.

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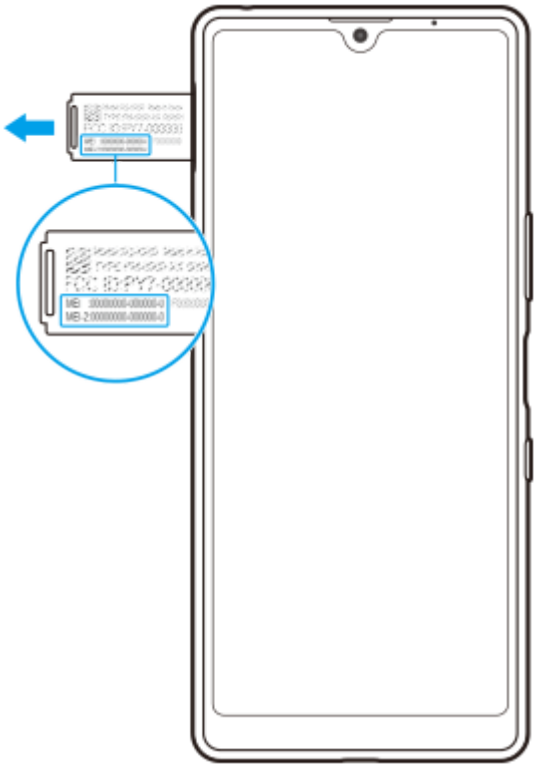
Finding the IMEI number(s) of your device

Your device has one or two unique identification numbers that are referred to as IMEI or Product ID. You should keep a copy of this. You may require it if your device is stolen or when contacting support.

Viewing your IMEI number(s) using the dialpad

1. Find and tap (Phone icon).
2. Tap (Dialpad icon).
3. Enter *#06# into the dialpad. The IMEI number(s) are displayed automatically.

Viewing your IMEI number(s) on the label strip



1. Drag out the SIM card tray.
2. Drag the strip outwards using your fingernail. The strip displays the IMEI number(s).

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Finding, locking, or erasing a lost device

Google offers a location and security web service called “Find my device”. After you sign in to a Google account, “Find my device” is turned on by default. If you lose your device, you can use “Find my device” to find, lock, or erase it.
For more information, go to support.google.com/android/.

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Turning the screen on or off

When your screen is turned off, your device can be locked or unlocked, depending on your screen lock setting.

1. **Briefly press the power key.**

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Adjusting the idle time before the screen turns off

When your device is on and left idle for a set period of time, the screen dims and turns off to save battery power. You can change how long your screen stays active before it turns off.

1. **Find and tap [Settings] > [Display] > [Sleep].**
2. **Select an option.**

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One-handed mode

Enable One-handed mode to adjust the display size so you can type with one hand more easily.

1. **Find and tap [Settings] > [Display] > [Advanced] > [One-handed mode].**
2. **Tap the [One-handed mode] switch to enable or disable the function.**
3. **To shrink the screen, double-tap (Home button).**

   To exit One-handed mode, double-tap (Home button) again or tap an empty area on the screen.

To adjust the position of the screen

- **To move the screen to the left side or to the right side**: tap (Left arrow icon) or (Right arrow icon) accordingly.
- **To move the screen upwards or downwards**: drag the horizontal stripes at the edge of the resized screen.
- **To resize the screen**: drag (Resize screen icon) at the edge of the resized screen.

Hint

- You can shrink the screen by using the Side sense menu.

Related Topic

- Using Side sense

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Taking a screenshot

You can capture still images of any screen on your device as a screenshot. Screenshots you take are automatically saved in your device's internal storage.

1. **Long press the power key until the options menu opens.**
2. **Tap [Screenshot].**

Hint

- You can also take a screenshot by pressing and holding the power key and volume down key at the same time.

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Notification light

The notification light informs you about battery status and some other events. The notification light is enabled by default but can be disabled manually.

Note

- When the notification light is disabled, it only lights up when there is a battery status warning, for example, when the battery level goes below 15 percent.

1. **Find and tap [Settings] > [Apps & notifications] > [Configure notifications].**
2. **Tap the [Use LED light to show incoming notifications] switch to enable or disable the function.**

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Status icons

	(Signal strength icon) The mobile network mode is also displayed when sending and downloading mobile data.
	(No signal icon)
	(Data roaming icon)
	(Wi-Fi signal icon) A Wi-Fi connection is enabled and data is being transmitted.
	(Wi-Fi connection error icon) A Wi-Fi connection is enabled but there is no internet connection. This icon also appears when you are trying to connect to a captive portal network. After a successful login, the cross mark disappears. If Google is blocked in your area, the cross mark may appear even when the device is connected to a network and there is a Wi-Fi working internet connection.
	(Battery status icon)
	(Charging battery icon)
	(Airplane mode icon)
	(Microphone muting icon)
	(Speakerphone icon)
	(Muting icon)
	(Vibrate icon)
	(Alarm icon)
	(GPS icon)

Related Topic

- Notification icons

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Notification icons

	(New SMS icon)
	(Ongoing call icon)
	(Missed call icon)
	(Phone call on hold icon)
	(Call forward icon) Single SIM device: Call forwarding is turned on
	(Call forward icon) Dual SIM device: Call forwarding is turned on
	(Downloading data icon)
	(Uploading data icon)
	(Install latest software icon) A software update is available
	(System update icon) System updates are available
	(Downloading system update icon)
	(Installing downloaded system update icon)
	(Screenshot icon) Screenshot captured
	(Music playing icon) A song is playing
	(More notifications icon) More undisplayed notifications

Note

- Not all icons that may appear on your device are listed here. This list is for reference purposes only, and changes may be made without notice.

Related Topic

- Status icons

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Charging your device

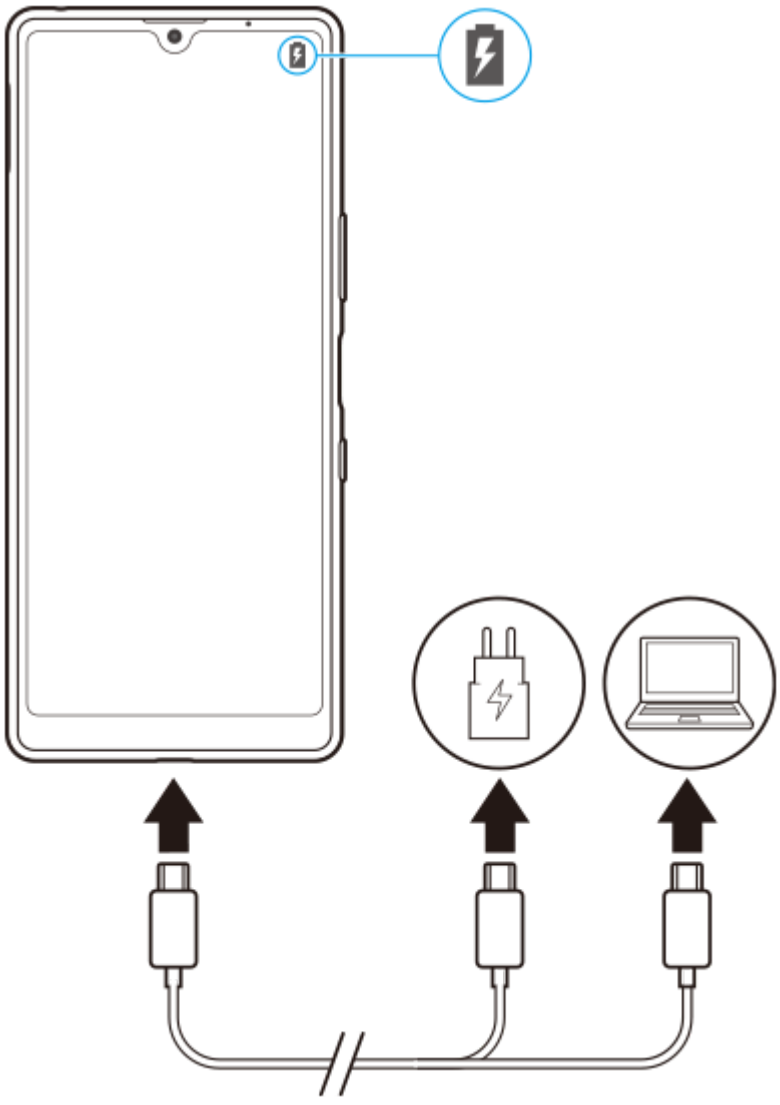
You can charge your device from a wall socket or computer. You can still use your device while charging.
If the battery is depleted, it may take up to 10 minutes for your device to respond to the charging. During this time, the screen may remain completely dark, not showing the charging icon. It can take couple of hours for a completely drained battery to be fully charged. Charging speed may be affected by ambient temperature.
Always use the original Sony charger and a USB cable intended for your specific Xperia model, since other types of chargers can increase charging time, not charge at all, or may even damage your device.

Note

- Your device has an embedded, rechargeable battery that can only be replaced by an authorized Sony repair center. Never try to open or take apart the device yourself. Doing so can cause damage and void your warranty.

Hint

- A wall socket charger will charge your device faster than charging via computer. You can still use your device while charging.



1. **Connect one end of the USB cable to the charger (or to the USB port of a computer).**

2 **Connect the other end of the cable to the USB port on your device.**

The notification light illuminates when charging begins.

3 **When the device is fully charged, disconnect the cable from your device by pulling it straight outwards.**

Make sure not to bend the connector.

Battery notification light status

- Green: Battery is charging, charge level is greater than 90%
- Yellow: Battery is charging, charge level is 15–90%
- Red: Battery is charging, charge level is less than 15%

Note

- It is important to use the USB cable that came with your device, as other types of USB cables can damage your device.

Hint

- If the battery is completely depleted, it may take up to 10 minutes before the notification light illuminates and the charging icon appears.

Related Topic

- Battery and power management

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Battery and power management

Your device has an embedded battery. To get the most use from it, keep track of the power consumed by different applications and features.
Power-saving features lower the priority of certain non-essential device functions. If you do not want an application to be affected, you can make it exempt in the Power-saving exceptions menu. Phone calls and SMS are not affected.

Note

- System updates may change the power-saving features available on your device.

General usage tips to improve battery performance

The following tips can help you improve battery performance:

- Lower the screen brightness level.
- Turn off Bluetooth, Wi-Fi, and location services when you do not need these features.
- Turn off your device or use Airplane mode if you are in an area with no or low network coverage. Otherwise, your device repeatedly scans for available networks, and this consumes power.
- Use a Wi-Fi network instead of roaming when abroad. Roaming is scanning for your home network and puts additional demands on your battery as your device must transmit with a higher output power.
- Change the synchronization settings for your email, calendar, and contacts.
- Check the applications that have a high battery consumption and consider the battery saving tips provided on your device for these applications.
- Change the notification level for an application.
- Turn off the location-sharing permission for an application.
- Uninstall applications that you are not using.
- Use a Sony original handsfree device to listen to music. Handsfree devices consume less battery than your device's loudspeakers.
- Restart your device every now and then.

To review your battery consumption

1. Find and tap [Settings] > [Battery] to view the estimated remaining battery percentage and battery time.
2. Tap ⋮ (More icon) > [Battery usage] to view a list of applications and features that have consumed battery power.

Related Topic

- Charging your device
- Screen settings
- Turning the Bluetooth function on or off
- Using location services
- Checking battery consumption for applications
- Making specific applications exempt from optimization
- Restarting, resetting, and repairing your device

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Checking battery consumption for applications

You can check battery consumption for applications, and change the settings if necessary.

1. **Find and tap [Settings] > [Apps & notifications].**

2. **Select an application and review its battery consumption under [Battery].**

   You may find the item under [Advanced].

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Making specific applications exempt from optimization

Power-saving features lower the priority of certain non-essential device functions. If you do not want an application to be affected, you can make it exempt in the Power-saving exceptions menu.

1. **Find and tap [Settings] > [Apps & notifications] > [Advanced] > [Special app access] > [Power-saving feature].**
2. **Follow the on-screen instructions, and select the applications to which the power-saving feature is applied.**

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Before updating your device

You should update the software on your device to get the latest functionality, enhancements, and bug fixes in order to ensure optimal performance. When a software update is available, (System update icon) appears in the status bar. You can also check for new updates manually.
The easiest way to install a software update is to do it wirelessly from your device. However, some updates are not available for wireless download. You then need to use the Xperia Companion software on a PC or Apple Mac computer to update your device.
Before updating your device, consider the following:

- Ensure you have sufficient storage capacity.
- System and application updates can present the features on your device in another way than described in this Help Guide. The Android version might not be affected after an update.

To check for new software

1. Find and tap [Settings] > [System] > [Advanced] > [Software update].

Related Topic

- Updating your device wirelessly
- Updating your device using a computer

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Updating your device wirelessly

Use the Software update application to update your device software wirelessly. The updates you can download over a mobile network depend on your operator. It is recommended to use a Wi-Fi network instead of a mobile network to download new software so that you can avoid data traffic costs.

1. **Find and tap [Settings] > [System] > [Advanced] > [Software update].**
2. **Follow the on-screen instructions.**

To set up automatic download of system updates

1. Find and tap [Settings] > [System] > [Advanced] > [Software update].
2. Tap ⋮ (More icon) > [Settings] > [Auto update system].
3. Select the preferred option.

To enable or disable automatic updates for applications

1. Find and tap [Settings] > [System] > [Advanced] > [Software update].
2. Tap ⋮ (More icon) > [Settings] > [Auto update apps].
3. Select the preferred option.

Related Topic

- Before updating your device
- Updating your device using a computer

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Updating your device using a computer

1. **Connect your device to the computer using a USB cable.**
2. **Drag down the status bar, and then tap the USB connection setting notification.**
3. **Tap [Tap for more options], and then tap [File Transfer].**
4. **Computer: Open Xperia Companion, if it is not automatically launched.**

   Make sure that the computer can access the internet.
   If a new software update is detected, a pop-up window appears.
5. **Follow the on-screen instructions to run the relevant software updates.**

Note

- If you do not have the Xperia Companion software installed on the relevant computer, search for Xperia Companion on the Sony customer support website and download it.

Related Topic

- Before updating your device
- Updating your device wirelessly

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Restarting, resetting, and repairing your device

You can force your device to restart or shut down if it stops responding or will not restart normally. No settings or personal data get deleted.
You can also reset your device to its original factory settings. This procedure is sometimes necessary if your device stops functioning properly, but note that you should first back up your data, as resetting your device will erase all your data from your device.
If your device fails to turn on or you want to reset your device's software, you can use Xperia Companion to repair your device. For more information on downloading and using Xperia Companion, search for Xperia Companion on the Sony customer support website.

Restarting your device

Note

- Your device may fail to restart if the battery level is low. Connect your device to a charger and try restarting again.

1. Long press the power key.
2. In the menu that opens, tap [Restart].
   The device restarts automatically.

Forcing the device to restart or shut down

1. Long press the power key and the volume up key at the same time until your device vibrates.
2. Depending on whether you wish to force the device to restart or shut down, proceed as follows.
   - If you wish to force restart the device: Release the keys at this point. The device restarts.
   - If you wish to force shut down the device: Continue pressing the keys. After a few more seconds, the device vibrates three times and turns off.

Performing a factory data reset

Note

- To avoid permanent damage to your device, do not interrupt a factory data reset procedure.
- Back up any data saved to the internal memory of your device. Resetting will erase all your data from your device.

1. Find and tap [Settings] > [System] > [Advanced] > [Reset options].
2. Tap [Erase all data (factory reset)] > [Reset phone].
3. If required, draw your screen unlock pattern or enter your screen unlock password or PIN to continue.
4. To confirm, tap [Erase everything].

Hint

- Your device does not revert to an earlier software version of Android when you perform a factory data reset.

Related Topic

- Repairing the device software using Xperia Companion

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Repairing the device software using Xperia Companion

You can use Xperia Companion to repair your device's software. If you forget your screen unlock password, PIN or pattern, you can use the device repair feature in Xperia Companion to erase the security layer. You need to provide your Google account login details to perform this operation. By running the repair feature, you reinstall software for your device and you may lose some personal data in the process.
If your device seems to have frozen, restarts repeatedly, or does not start at all after you update the Xperia software, after you perform a software repair, or after a factory data reset, try forcing the device to shut down and then turning it back on. If the problem persists, force the device to shut down and then perform a software repair.

Note

- Before performing a software repair, make sure you know your Google account username and password. Depending on your security settings, you may need to enter them in order to restart the device after a software repair.

1. **Make sure that Xperia Companion is installed on the computer.**
2. **Open the Xperia Companion software on the computer and click [Software repair] on the main screen.**
3. **Follow the instructions that appear on the screen to reinstall the software and complete the repair.**

Related Topic

- Restarting, resetting, and repairing your device

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Resetting your applications

You can reset an application or clear application data if your application stops responding or causes issues with your device. Resetting application preferences does not delete any application data from your device.

1. **Find and tap [Settings] > [Apps & notifications].**
2. **Tap > (See all apps icon) to see all applications.**
3. **Tap ⋮ (More icon) > [Reset app preferences] > [Reset apps].**

To clear application data

1. Find and tap [Settings] > [Apps & notifications].
2. Select an application or service, and then tap [Storage] > [CLEAR DATA] > [OK].

To clear application cache

1. Find and tap [Settings] > [Apps & notifications].
2. Select an application or service, and then tap [Storage] > [CLEAR CACHE].

To clear the application default setting

1. Find and tap [Settings] > [Apps & notifications].
2. Select an application or service, and then tap [Advanced] > [Open by default] > [CLEAR DEFAULTS].

Note

- The option to clear the application data, cache, or default setting is not available for every application or service.

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Viewing the memory status

The internal storage stores downloaded or transferred content along with personal settings and data, and it tends to fill up as a result of normal usage. If the device starts to slow down, or applications suddenly shut down, you should consider the following:

- Close running applications that you are not using.
- Uninstall downloaded applications that you do not use.
- Transfer photos, videos, and music from the internal memory to the removable memory card or Google service.

Note

- You can purchase a memory card separately.
- If your device cannot read content on the memory card, you may need to format the card. Note that when you format the card, all content is erased.

To view the memory status

1. Find and tap [Settings] > [Storage].

Related Topic

- Freeing up space on the internal storage
- Formatting the memory card
- Stopping applications and services from running

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Freeing up space on the internal storage

If the device starts to slow down, or applications suddenly shut down, freeing up space on the internal storage may solve the problem.

1. **Find and tap [Settings] > [Storage].**
2. **Tap [FREE UP SPACE].**

   If you have a memory card inserted, select [Internal shared storage] > [FREE UP SPACE].
3. **Select infrequently used apps or old files to delete, and then follow the on-screen instructions.**

Related Topic

- Viewing the memory status

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Stopping applications and services from running

If the performance of your device or apps is not optimal, try stopping apps and services from running.

1. **Find and tap [Settings] > [Apps & notifications].**
2. **Select an application or service, then tap [FORCE STOP] > [OK].**

Related Topic

- Viewing the memory status

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Formatting the memory card

If your device cannot read content on the memory card, format the memory card on your device.

1. **Find and tap [Settings] > [Storage], and then tap your SD card.**
2. **Tap ⋮ (More icon) > [Storage settings] > [Format], and then perform formatting on the next confirmation dialog.**

Note

- All content on the memory card gets erased when you format it. Make sure you first make backups of all data that you want to save. To back up your content, you can copy it to a computer.

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Mobile data connection

You need the correct internet settings to access the internet with a mobile data connection.

- For most mobile networks and operators, these settings come pre-installed on your device so that you can start using the internet right away.
- You can manually check for updates to your internet settings. If you change or delete an internet setting by mistake, reset the internet settings.
- Find and tap [Settings] > [Network & internet] > [Mobile network] for more mobile network options.

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Increasing Wi-Fi signal strength

There are a number of things you can do to improve Wi-Fi reception:

- Move your device closer to the Wi-Fi access point.
- Move the Wi-Fi access point away from any potential obstructions or interference.
- Do not cover the Wi-Fi antenna area of your device.

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Controlling data usage

You can keep track of the amount of data transferred to and from your device over your mobile data or Wi-Fi connection during a given period. For example, you can view the amount of data used by individual applications. For data transferred over your mobile data connection, you can also set data usage warnings and limits to avoid additional charges.

Setting and controlling data usage

1. Find and tap [Settings] > [Network & internet] > [Data usage].
2. Select and edit settings as desired.

Controlling the data usage of individual applications

1. Find and tap [Settings] > [Apps & notifications].
2. Tap the application that you want to control, and then tap [Data usage].
3. Edit the options as desired.

Note

- The performance of individual applications may be affected if you change the related data usage settings.

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Settings menu

View and change settings for your device from the Settings menu. The Settings menu is accessible from both the Application screen and the Quick settings panel.

1. **Find and tap [Settings].**

Hint

- To view information about your device, find and tap [Settings] > [System] > [About phone].
- To search for a setting, find and tap [Settings], and then enter the name of the setting into the [Search settings] field.

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Volume and vibration

The volume and vibration can be changed either by using the volume keys or by changing a setting.
You can change the ring, media, alarm, and in-call volumes. Additionally, you can set your device to vibrate.

Note

- App settings can override the selected volume and vibration settings.

Changing the volume

1. Press the volume key up or down to change the media volume.
   To quickly turn the media volume on or off, tap (Media volume icon).
2. To change the in-call, ring, and notification, or alarm volumes, tap (Settings icon).
   Use each slider to adjust the volume.
   - (Media volume icon): affects the volume of music, videos, games, and other media.
   - (In-call volume icon): affects the in-call volume.
   - (Ringer volume icon): affects the ring and notification volume.
   - (Alarm icon): affects the alarm volume.

Activating the vibrating mode

1. Press the volume key up or down.
2. Tap the icon displayed above the slider one or more times until (Vibrate icon) appears.

Activating sound with vibration for incoming calls

1. Find and tap [Settings] > [Sound].
2. Tap the [Also vibrate for calls] switch to enable the function.

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Sounds and tones

Setting the ringtone

1. Find and tap [Settings] > [Sound].
2. Dual SIM users, tap [Phone ringtone] for the desired SIM card. Single SIM users, tap [Phone ringtone].
3. Select a sound from the list.
   To select a music file that is saved on your device, tap [Add ringtone].
4. To confirm, tap [OK].

Setting the notification sound

1. Find and tap [Settings] > [Sound] > [Notification sound].
2. Select a sound from the list.
   To select a music file that is saved on your device, tap [Add ringtone].
3. To confirm, tap [OK].

Hint

- To turn off all ringtone and/or notification sounds and set your device to vibrate only, select [None] from the list.
- To enable or disable other sounds and tones, find and tap [Settings] > [Sound] > [Advanced], and then tap the switches to enable or disable the various sounds and tones.

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Screen settings

You can change the screen’s behavior, brightness, viewing size, and quality.

1. **Find and tap [Settings] > [Display].**

2. **Tap the setting you want to change.**

   Use the sliders, checkboxes or additional menus to adjust.

Main screen settings

- **White balance**: Use the sliders to adjust the white balance of your display. To revert to the default setting, tap [Default values].
- **Brightness level**: Adjust the brightness level with the slider. You can also enable [Adaptive brightness] to automatically optimize brightness based on surrounding light.
- **Auto-rotate screen**: Set the screen to rotate automatically when the device is turned, or set it to stay in portrait view.

Hint

- Even if the Auto-rotate screen function is disabled, you can rotate the screen manually by tapping (Rotate icon) in the navigation bar.

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Application updates

If the automatic update feature is enabled, your applications get updated without you being asked, so you may not realize that large volumes of data are being downloaded. In order to avoid potentially high data transfer costs, you can disable automatic updates or enable automatic updates only over Wi-Fi connection. You have to disable the automatic update feature in the Play Store app to avoid the automatic updating of applications.

1. **Find and tap (Play Store icon).**
2. **Tap (Menu icon), and then tap the settings menu.**
3. **Tap the auto update apps menu.**
4. **Select the preferred option.**

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Using location services

Location services allow applications such as Maps and the camera to use information from your mobile or Wi-Fi network as well as GPS (Global Positioning System) information to determine your approximate location.
In order to use your device to find out where you are, you need to enable location services.
For more information, go to support.google.com/.

1. **Find and tap [Settings] > [Lock screen & security] > [Location].**
2. **Tap the switch to enable or disable location services.**

To improve GPS accuracy

The first time you use the GPS function in your device, it can take a few minutes for your location to be found. To help the search, make sure you have a clear view of the sky. Stand still and do not cover the GPS antenna. GPS signals can pass through clouds and plastic, but not through most solid objects such as buildings and mountains. If your location is not found after a few minutes, move to another location.

Related Topic

- Overview

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Date and time

You can change the date and time on your device.

1. **Find and tap [Settings] > [System] > [Date & time].**

   You may find the item under [Advanced].

2. **To set the date or time manually, disable the Automatic date & time function by tapping the switch.**

   To set the time zone manually, disable the Automatic time zone function by tapping the switch.

3. **Tap the desired item to edit and change the values.**

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Transferring music from a computer to your device

There are two ways to transfer music from a computer to your device:

- Connect your device to a computer using a USB cable. Select [File Transfer] on your device and then copy and paste or drag and drop the files using the computer.
- On the computer, save your media files using Google Drive. Then, synchronize the data on your device by logging in to the Google account.

Note

- The Music app may not support all music file formats.

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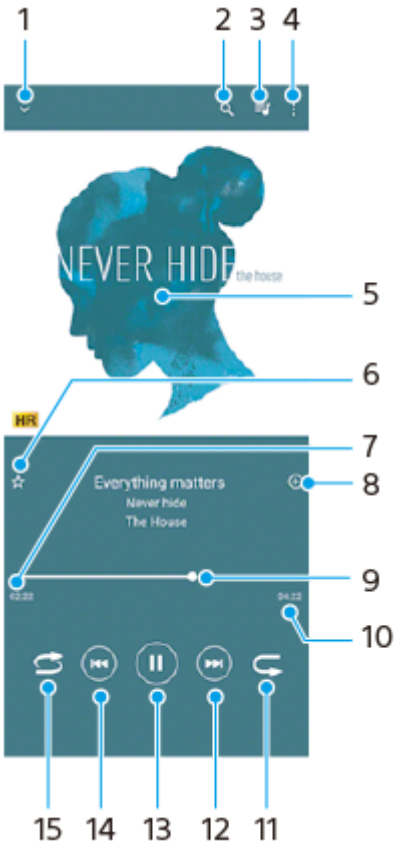
Listening to music

Use the Music app to listen to your favorite music.

Music player overview



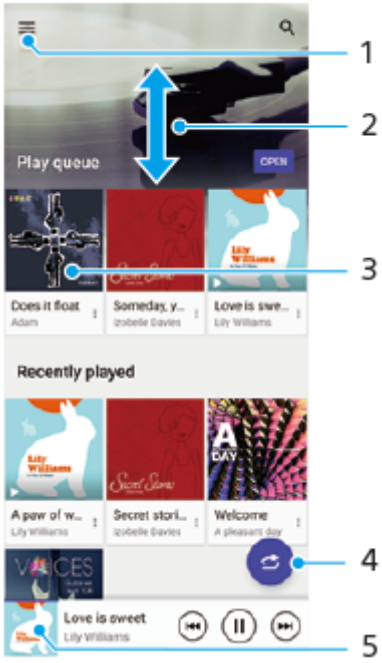
1. Minimize the full screen player
2. Search all songs saved to your device
3. View the play queue
4. View more options
5. Album art (if available)
6. Add or remove a song as a favorite
7. Elapsed time of current song
8. Add a song to a playlist
9. Progress indicator – drag or tap along the line to fast-forward or rewind
10. Length of current song
11. Repeat the current song or all songs in the play queue
12. Tap to go to the next song, touch and hold to fast-forward the current song
13. Play or pause a song
14. Tap or double-tap to go to the beginning of the current song or the previous song, touch and hold to rewind the current song
15. Shuffle songs in the play queue

Hint

- How to use ⏮ (Previous button) while playing a song.
  - During the first 5 seconds of playback, tap the button to go back to the previous song.

- After 5 seconds of playback, tap the button to go back to the beginning of the current song, or double-tap it to go back to the previous song.

Music home screen



1. Open the Music menu
2. Scroll up or down to view content
3. Tap to start playing a song in the play queue
4. Play all songs in shuffle mode
5. Go to the music player screen

Note

- You might not be able to play copyright-protected items.

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Music app features

This section explains features that are useful when using the Music app.

Editing music information

1. While a song is playing in the Music app, tap the album art in the music player screen and then tap [Edit music info].
2. Edit the information as desired.
3. To set album art, tap (Edit icon), then select an option.
4. When you are finished, tap [SAVE].

Playing music in the background

1. When a song is playing, tap (Home button) to go to the Home screen.
   The Music app keeps running in the background.
   To open the Music app again, drag the status bar downwards and tap the Music notification. Alternatively, find and tap (Music icon).

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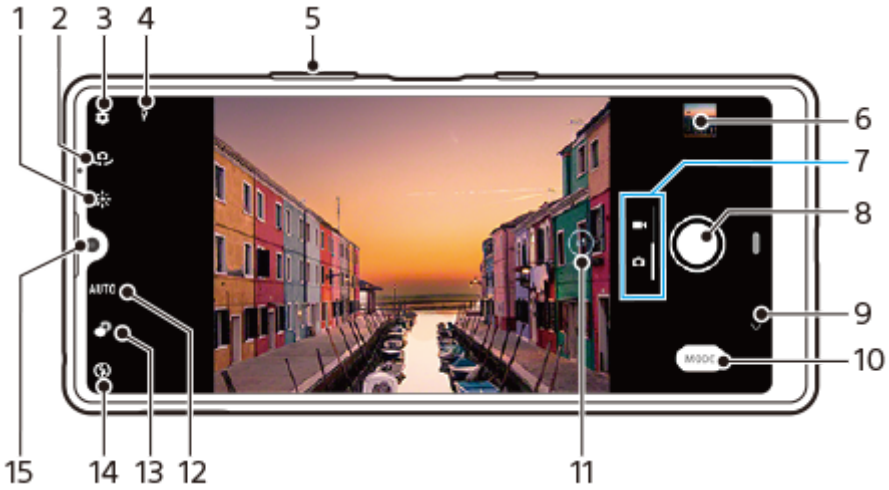
Camera overview



1. Color and brightness
2. Switch between the front and main camera
3. Camera settings
4. Geotagging status
5. Use the volume keys to zoom in or out
6. Tap the thumbnail to view, share, or edit photos and videos
7. Switch between taking photos and videos
8. Use the shutter button to take photos or record videos
9. Go back or exit the camera
10. Select a capturing mode
11. Tap to switch between the x1 and super-wide angles
12. Scene selection menu
13. Tap to adjust the Bokeh effect
14. Flash settings
15. Front camera lens

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Taking a photo or recording a video

This section explains basic camera operations.

Hint

- Make sure the lens is clean. A fingerprint or a little dirt can diminish photo quality.
- Use the self-timer when you need extra time to prepare, or to avoid blurred photos.
- Check your device's memory status often. High-resolution photos and videos consume more memory.

Note

- Note that some functions may not be available depending on the settings.

1. **Launch the camera.**
   - Swipe (Camera icon) from the lock screen.
   - Tap (Camera icon) from the Application screen.
   - Press the power key twice. Tap [Settings] > [System] > [Gestures] > [Jump to camera], and then tap the switch to enable this function.
2. **Swipe the screen to select a photo or video mode.**
3. **Tap the shutter button.**

Shutter button

The shutter button is used differently depending on the capturing mode and activated features.

- (Capture button): Take a photo
- (Start button): Record a video
- (Stop button): Stop recording a video
- (Self-timer on icon): Self-timer is activated

Related Topic

- Basic camera features
- Self-timer

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Taking a photo using the flash

Use the flash according to the subject and lighting conditions.

1. **While using the camera, tap the flash icon displayed on the screen, for example (Auto flash icon).**
2. **If required, change the flash setting.**
3. **Tap the shutter button to take a photo or record a video.**

Note

- Available settings depend on the capturing mode, photo mode, and video mode.

Hint

- When the background is brighter than the object, use Fill flash to remove unwanted dark shadows.

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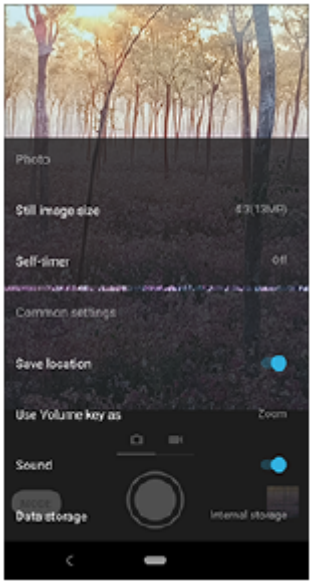
Basic camera features

Use basic camera features that help you to take photos or record videos.

Adjusting the camera settings

1. While using the camera, tap (Settings icon).
2. Select a setting.



Note

- Available settings depend on the capturing mode selected.

Switching between the main and front camera

1. While using the camera, tap (Switch camera icon) to switch between the main and front camera.

Hint

- You can also switch between cameras by swiping down on the camera screen (in the portrait orientation) or swiping right on the camera screen (in the landscape orientation).

Using the zoom

1. While using the main camera, perform one of the following operations.
   - Pinch in or out on the camera screen.
   - Use the volume key.
   - Drag (x1) (Switch angle button) to the left and right (in the portrait orientation) or up and down (in the landscape orientation).

Note

- Zooming is only available for the main camera.

Hint

- If you zoom in three or more times, this can affect image quality.

Using the super-wide lens

1. While using the main camera, tap (x1) (Switch angle button) to select [W] (super wide).

Note

- The super-wide lens can only be selected for the main camera.
- You cannot pinch the screen or use the volume keys to zoom while the super-wide lens is selected.

Using scene selection

1. While using the camera, tap the scene selection icon, such as [AUTO] or [SCN].
2. Select a preset setting.

Related Topic

- Taking a photo or recording a video

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Viewing, sharing, or editing photos and videos

View or share photos and videos in the Google Photos app after taking photos or recording videos. You can also edit photos or videos, such as by adjusting the colors or cropping photos.

1. **While using the camera, tap the thumbnail to open a photo or video.**
2. **Swipe left or right to view your photos and videos.**
3. **Tap (Share icon) to share a photo or a video, or (Edit icon) to edit it.**

   To hide or show icons, tap the screen.

Related Topic

- Taking a photo or recording a video

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Selecting a capturing mode

You can select a capturing mode according to the subject or your purpose.

1 **While using the camera, tap [Mode], and then select a capturing mode.**

Capturing modes overview

The following are some of the main capturing modes.

- (Portrait selfie icon): Take better-looking selfies
- (Panorama icon): Take wide-angle and panoramic photos

Note

- Available settings depend on the capturing mode selected.

Related Topic

- Panorama
- Portrait selfie

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Self-timer

Use the Self-timer to get more time to prepare for a photo. It also helps to keep your device steady and avoid blurred photos.

1. **While using the main camera, tap (Settings icon) > [Self-timer], select the delay time, and then close the settings menu.**

   The Self-timer setting is saved.
   While using the front camera, tap (Self-timer icon), and then select a delay time.

2. **Tap the shutter button to take a photo.**

   A series of beeps marks the countdown until the photo is taken.

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Adjusting the exposure, color, and light conditions

Good exposure for your photos requires the right amount of light. Different exposures are required, for example, when taking photos of faces, moving objects or in low light.

To optimize light conditions

- Look for light with direction and color that gives a scene shape and depth. This type of light occurs just before sunrise and at sunset. Natural light from a window is also good.
- For higher quality photos in low light, you need to keep the camera steady. You can place the camera on a solid surface and use the self-timer.
- Even if light conditions are poor, try to take photos with and without the flash. Sometimes the quality is better without the flash.

Related Topic

- Self-timer
- Taking a photo using the flash
- Color and brightness

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Color and brightness

Your camera automatically adjusts the color and brightness value by detecting the light conditions and estimating the color temperature of ambient light. Digital cameras can only estimate the color temperature, so you may need to adjust the settings to get it correct.
If you experience yellow-colored photos in indoor environments or bluish photos when using the flash, try adjusting the color.

1. **While using the camera, tap ☼ (Color and brightness icon).**
2. **Drag the sliders to adjust the color and brightness.**

   Tap ✕ (Cancel icon) to reset and close the color setting.
3. **Tap the shutter button to take a photo or record a video.**

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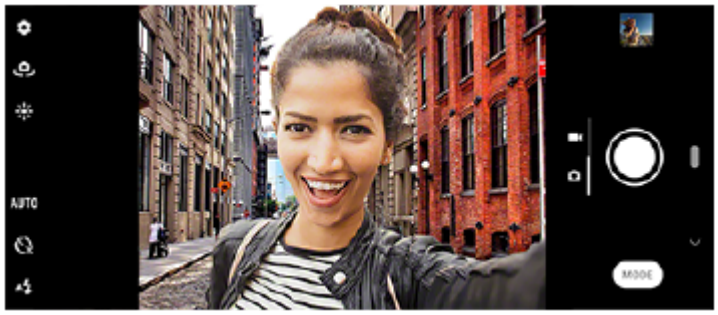
Taking photos and videos of people

Faces in focus are indicated with a colored frame.



To take photos and videos of people

- Consider the camera orientation. Use portrait for close-up photos, to fill the frame. Use landscape for close-up group photos, or to capture an object in the background.
- Place the camera on a solid surface and use the self-timer to prevent blurred photos.

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Taking a selfie

Switch to the front camera and take a photo of yourself. You can use the self-timer.

1. **While using the camera, select a photo or video capturing mode for your selfie.**
2. **Tap (Switch camera icon) to activate the front camera.**
3. **Tap (Self-timer icon) if you want to use the self-timer.**
4. **Tap the shutter button to take a selfie.**

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Bokeh effect

You can take pictures with the Bokeh effect when using the main camera on your device. The Bokeh effect decreases focus in the background of a photo to emphasize objects at the foreground, for an artistic effect.

1. **While using the main camera, tap (Bokeh icon).**
2. **Drag the slider to adjust.**
3. **Tap the shutter button to take a photo.**

Note

- Zooming is not available while using the Bokeh effect.

Hint

- If you get too close to or too far to an object while using the Bokeh effect, a warning message appears. If this happens, adjust the distance between your camera and the object to take the photo with Bokeh effect.

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Portrait selfie

Portrait selfie allows you to take better-looking selfies.

1. **While using the camera, tap [Mode] > (Portrait selfie icon).**
2. **Tap the icon for the effect you want to apply, and drag the slider to adjust the effect.**

   If desired, adjust the other effects in the same way.
3. **Tap the shutter button to take a photo.**

Portrait selfie overview

- (Bokeh icon): Applies a blurring effect around a person
- (Soft skin icon): Softens skin tones
- (Skin brightness icon): Brightens skin tones
- (Eye enlargement icon): Enlarges eyes
- (Slender face icon): Makes your face look slimmer

Hint

- You can save your portrait in the same direction as the preview by tapping (Mirror icon) > [On].
- You can take a photo by tapping anywhere on the screen. Tap (Touch capture icon) > [On].

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Panorama

Use the Panorama app to take wide-angle and panoramic photos.

1. **While using the camera, tap [Mode] > (Panorama icon).**
2. **Tap the shutter button.**
3. **Move the camera slowly and steadily in the direction of movement indicated on the screen.**

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Resolution and memory

The number of photos and videos you can store depends on the resolution or MP (megapixel) value used and video length.
High-resolution photos and videos take up more memory, so keep in mind that a lower resolution can be suitable for everyday use.
Check the memory status from time to time. When the memory is full, you can transfer photos and videos to another storage device to free up memory.
Choose whether to store photos and videos on your device's internal storage or on an SD card using the [Data storage] option in the camera settings menu.

1. **While using the camera, tap (Settings icon).**
2. **Tap [Still image size] or [Video size].**
3. **Select the resolution and close the settings menu.**

   The setting is saved for the selected capturing mode.

Note

- Available settings depend on the capturing mode selected.

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Geotagging

You can save your photos and videos with the location where they were taken, this is called geotagging. The option to geotag your photos and videos requires a wireless network and that the GPS function is enabled.

1. **While using the camera, tap (Settings icon).**

2. **Tap the [Save location] switch to enable.**

   The setting is saved.

Geotagging status icons

- (Acquired GPS icon): The geographical position is saved.
- (GPS not found icon): The geographical position is not found.

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Different ways to use the volume key

You can change the way you use the volume key.

1. **While using the camera, tap (Settings icon).**

2. **Tap [Use Volume key as] and select an option.**

   The setting is saved.

Volume key settings

- **Zoom**: Use the volume key to zoom in or out.
- **Shutter**: Use the volume key as a shutter button for photos and videos.

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Sound

When Sound is activated, the camera makes a sound when you take a photo or when you start or stop a video recording. Additionally, when you use the self-timer the countdown is indicated by a series of beeps.

1. **While using the camera, tap (Settings icon).**

2. **Tap the [Sound] switch to enable or disable.**

   The setting is saved.

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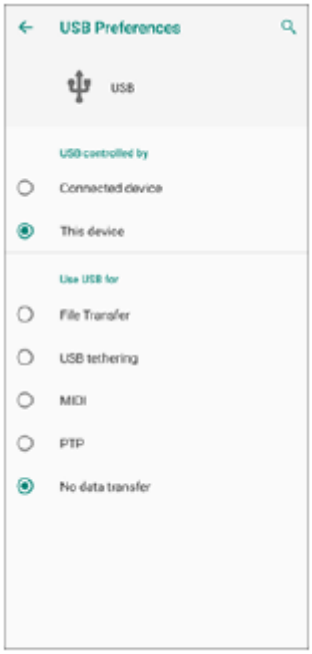
Connecting your device to USB accessories

You can use a USB host adapter to connect your device to USB accessories, such as USB mass storage devices, headphones, game controllers, USB keyboards, and USB mice.



1. **Connect a USB cable to your device.**
2. **Drag down the status bar, and then tap the USB connection setting notification.**
3. **Tap [Tap for more options], and then select an option.**

USB Preferences

- **USB controlled by**: You can choose which device controls the other, your device, or the USB-connected device.
- **Use USB for**: You can choose the purpose of the USB connection.
  - **File Transfer**: Manage files or update the device software. This option is used with Microsoft® Windows® computers. Charging is enabled by default.
  - **USB tethering**: Your device can function as a tethering device.
  - **MIDI**: Your device can function as the MIDI input for musical instrument applications.
  - **PTP**: Manage image files. Charging is enabled by default.
  - **No data transfer**: Just charge your device when [USB controlled by] is set to [This device]. When [USB controlled by] is set to [Connected device], you can use your device as a power supply and charge the other connected device.

Note

- Sony does not guarantee that all USB accessories are supported by your device.
- This device has a capless USB port. If your device gets exposed to water, ensure that the port is completely dry before connecting a USB cable.

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NFC (Near Field Communication)

NFC is a wireless technology with a maximum range of one centimeter, so the devices sharing data must be held close to each other. Make sure that both devices have the NFC function turned on, and the both screens are active and unlocked.
The NFC detection area is located on the back of the device. Hold your device close to another device or an NFC reader so that the N-Marks touch.

Note

- Using certain applications, some NFC functions can be enabled even when the device is switched off. Note that not all devices support this feature.

To scan NFC tags

Your device can scan various kinds of NFC tags to receive additional information, such as a web address. For example, it can scan embedded tags on a poster, on a billboard advertisement, or beside a product in a retail store.

1. Place your device over the tag so that the N-Mark touches it. Your device scans the tag and displays the content collected. Tap the content of the tag to open it.

To connect to an NFC compatible device

You can connect your device to other NFC compatible devices produced by Sony, such as a speaker or a headphone. When establishing this kind of connection, refer to the User guide of the compatible device for more information.

Note

- You may need to have Wi-Fi or Bluetooth activated on both devices for the connection to work.

Related Topic

- Overview
- Turning the Bluetooth function on or off

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Using your device as a wallet

You can use your device to pay for goods without reaching for your real wallet and manage all payment services in one place. When making a payment, remember to turn on the NFC function before you touch your device to a card reader.

1. **Make sure NFC is enabled on your device.**

2. **Find and tap [Settings] > [Apps & notifications] > [Default apps] > [Tap & pay].**

   You may find the item under [Advanced].
   A list of payment services appears.

3. **Manage the payment services as desired.**

   For example, you can change your default payment service.

Note

- Mobile payment services may not be available in your region. For Dual SIM devices, NFC-initiated payments are only supported for an NFC-enabled SIM card inserted in SIM card slot 1.

Related Topic

- NFC (Near Field Communication)

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Turning the Bluetooth function on or off

Use the Bluetooth function to send files to other Bluetooth compatible devices, or to connect to handsfree accessories. Bluetooth connections work better within 10 meters (33 feet), with no solid objects in between. Pairing is necessary to connect to other Bluetooth devices.

1. **Find and tap [Settings] > [Device connection] > [Connection preferences].**
2. **Tap [Bluetooth].**
3. **Tap the switch to enable or disable the function.**

Note

- Interoperability and compatibility among Bluetooth devices can vary.

Hint

- You can also turn Bluetooth on or off from the Quick settings panel.

Related Topic

- Pairing with another Bluetooth device

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Naming your device

You can give your device a name. This name is shown to other devices after you have turned on the Bluetooth function and your device is set to visible.

1. **Find and tap [Settings] > [Device connection] > [Pair new device].**
2. **Tap [Device name].**
3. **Enter a name for your device.**
4. **Tap [RENAME].**

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Pairing with another Bluetooth device

When you pair your device with another device, you can, for example, connect your device to a Bluetooth headset or a Bluetooth car kit, and use these other devices to share music.
Once you pair your device with another Bluetooth device, your device remembers this pairing.
Make sure that the device you want to pair with has the Bluetooth function activated and is visible to other Bluetooth devices.

1. **Find and tap [Settings] > [Device connection] > [Pair new device].**

   A list of the available Bluetooth devices appears.

2. **Tap the Bluetooth device that you want to pair with.**

To connect your device to another Bluetooth device

1. Find and tap [Settings] > [Device connection] > [Previously connected devices].
2. Tap the Bluetooth device that you want to connect to.

To unpair a Bluetooth device

1. Find and tap [Settings] > [Device connection] > [Previously connected devices].
2. Tap (Settings icon) beside the name of the device that you want to unpair.
3. Tap [Forget] > [Forget device].

Note

- Some Bluetooth devices, for example, most Bluetooth headsets, require you to both pair and connect with the other device.

Related Topic

- Turning the Bluetooth function on or off

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Sending items using Bluetooth technology

Use Bluetooth technology to share items with other Bluetooth compatible devices such as phones or computers. You can send the following kinds of items:

- Photos and videos
- Music and other audio files
- Web pages

Make sure the Bluetooth function is turned on for the receiving device, and that the device is visible to other Bluetooth devices.

1. **Open the app that contains the item you want to send.**
2. **Touch and hold or open the item, and then tap (Share icon).**
3. **Select [Bluetooth], and then tap the name of the receiving device.**

   Turn on the Bluetooth function if prompted.
4. **On the receiving device, accept the connection if prompted.**
5. **On your device, confirm the transfer to the receiving device, if prompted.**
6. **On the receiving device, accept the incoming item.**

Related Topic

- Turning the Bluetooth function on or off
- Receiving items using Bluetooth technology

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Receiving items using Bluetooth technology

Use Bluetooth technology to share items with other Bluetooth compatible devices such as phones or computers. You can receive the following kinds of items:

- Photos and videos
- Music and other audio files
- Web pages

Make sure that the Bluetooth function is on and is visible to other Bluetooth devices.

1. **On the transmitting device, send the data to your device.**
2. **When you are notified of an incoming file to your device, drag the status bar downwards and tap the notification to accept the file transfer.**
3. **Tap [Accept] to start the file transfer.**
4. **To view the progress of the transfer, drag the status bar downwards.**
5. **To open a received item, drag the status bar downwards and tap the relevant notification.**

To view files you have received using the Bluetooth connection

1. Find and tap [Settings] > [Device connection] > [Connection preferences].
2. Tap [Received files].

Related Topic

- Turning the Bluetooth function on or off
- Sending items using Bluetooth technology

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